SEQUENCE LISTING

<110> Fang, Rong-Xiang

	Wu, Ju Chen,	n-Lin Xiao-Yi	ng										
<120>	ENHANCED PROTEIN PRODUCTION IN HIGHER PLANTS BY N-TERMINAL FUSION OF A UBIQUITIN OR A CUCUMBER MOSAIC VIRUS COAT PROTEIN PEPTIDE												
<130>	2577-109												
	09/857,841 2001-06-11												
	PCT/SG98/00103 1998-12-11												
<160>	14												
<170>	PatentIn Ver. 2.0												
<210><211><211><212><213>	235												
<220> <221> <222>													
	> Modified from wild-type to insert an SphI site in the region encompassing the initiation codon ATG and to insert an NcoI site following the last codon GGC.												
	cag at	tc ttc (le Phe '											47
		tca tcg Ser Ser 20											95
-		ggc att Gly Ile 35			_	_		_			_		143
		gag gat Glu Asp											191
Glu Se		ctc cat Leu His	Leu V							catç	1g		235

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<212> PRT
<213> Nicotiana tabacum
Met Gln Ile Phe Val Lys Thr Leu Thr Gly Lys Thr Ile Thr Leu Glu
Val Glu Ser Ser Asp Thr Ile Asp Asn Val Lys Ala Lys Ile Gln Asp
Lys Glu Gly Ile Pro Pro Asp Gln Gln Arg Leu Ile Phe Ala Gly Lys
Gln Leu Glu Asp Gly Arg Thr Leu Ala Asp Tyr Asn Ile Gln Lys Glu
Ser Thr Leu His Leu Val Leu Arg Leu Arg Gly Gly
                     70
<210> 3
<211> 53
<212> DNA
<213> cucumber mosaic virus
<220>
<221> CDS
<222> (6)..(47)
<400> 3
gatee atg gae aaa tet gaa tea ace agt get ggt egt aac egt ega
                                                                   47
      Met Asp Lys Ser Glu Ser Thr Ser Ala Gly Arg Asn Arg Arg
                                           10
                                                                   53
cgagct
<210> 4
<211> 14
<212> PRT
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Met Asp Lys Ser Glu Ser Thr Ser Ala Gly Arg Asn Arg Arg
                  5
<210> 5
<211> 13
<212> DNA
<213> Plasmid pSKUBC1
<220>
<221> misc_feature
<222> ()..)
<223> Joining region of fusion of two genes.
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<400> 5 ggccatggac aaa	13
<210> 6 <211> 33 <212> DNA <213> Plasmid pBI221	
<220> <221> misc_feature <222> (1)(33) <223> Joining region between 35S promoter and GUS gene.	
<400> 6 tetagaggat cecegggtgg teagteeett atg	33
<210> 7 <211> 18 <212> DNA <213> Plasmid pUG	
<220> <221> misc_feature <222> (1)(18) <223> Joining region of fusion of genes.	
<400> 7 ggccatggat ccccgggt	18
<210> 8 <211> 18 <212> DNA <213> Plasmid pUCG2	
<220> <221> misc_feature <222> (1)(18) <223> Joining region of fusion of genes.	
<400> 8 ctccgcggtg gcatggac	18
<210> 9 <211> 29 <212> DNA <213> Plasmid pBIubi	
<220> <221> misc_feature <222> (1)(29) <223> Joining region between promoter and fused gene.	
<400> 9 totagaacta gtggatcoot ggcatgcag	29

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<210> 10
<211> 35
<212> DNA
<213> Plasmid pBIubi
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<221> misc_feature
<222> (1)..(35)
<223> Final 2 codons of the ubiquitin gene followed by
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<400> 10
ggaggcctgt cgactcgagc ccgggtaccg agctc
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<210> 11
<211> 12
<212> DNA
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<223> Joining region between fusion of genes.
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ggaggcatgg aa
<210> 12
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<212> DNA
<213> Plasmid pCL
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<222> (1)..(12)
<223> Joining region between fusion of genes.
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cgtcgcatgg aa
                                                                     12
<210> 13
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<212> DNA
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<220>
<221> misc_feature
<222> (1)..(29)
<223> Joining region of fusion of promoter and gene.
<400> 13
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tctagaacta gtggatccct ggcatgcag
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<210> 14
<211> 35
<212> DNA
<213> Plasmid pBIubi

<220>
<221> misc_feature
<222> (1)..(35)
<223> Joining region with multicloning sequence between
 fusion of gene and terminator.

<400> 14
ggaggcctgt cgactcgagc ccgggtaccg agctc